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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/911,855	07/23/2001	Shoji Nakamura	04558/053001	3890
22511	7590	09/21/2007	EXAMINER	
OSHA LIANG L.L.P. 1221 MCKINNEY STREET SUITE 2800 HOUSTON, TX 77010			RHEE, JANE J	
			ART UNIT	PAPER NUMBER
			1745	
			NOTIFICATION DATE	DELIVERY MODE
			09/21/2007	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docket@oshaliang.com  
gourrier@oshaliang.com

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/911,855	NAKAMURA ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Jane Rhee	1745	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) Responsive to communication(s) filed on 16 July 2007.
- 2a) This action is **FINAL**.      2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) Claim(s) 1-8 and 23 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-8,23 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All    b) Some \* c) None of:
    1. Certified copies of the priority documents have been received.
    2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) Notice of Informal Patent Application
- 6) Other: \_\_\_\_\_

**DETAILED ACTION**

***Rejections Repeated***

1. The 35 U.S.C. 102(e) rejection of claims 1-5 and 8 anticipated by Takahashi et al. has been repeated as previously made in office action 1/16/2007.
2. The 35 U.S.C. 103(a) rejection of claims 6-7 and 23 unpatentable over Takahashi et al. in view of Donley et al. has been repeated as previously made in office action 1/16/2007.

***Rejection Withdrawn***

3. The 35 U.S.C. 112 2<sup>nd</sup> paragraph of claim 1 and its dependent claims concerning new matter has been withdrawn due to applicant's argument filed on 7/16/2007.

***Response to Arguments***

4. Applicant's arguments filed 7/16/2007 have been fully considered but they are not persuasive.

In response to applicant's argument that Takahashi fails to disclose wherein the outer surface does not include any of polishing marks and chamfering marks because Takahashi discloses that the process of mirror finishing step includes a polishing step and that there would necessarily be marks left by polishing on the end face, Takahashi does not disclose polishing marks or chamfering marks on the end face. Takahashi is silent about polishing or chamfering marks on the end face, therefore does not disclose any polishing marks or chamfering marks on the end face. Furthermore, just because

Takahashi discloses polishing as part of the mirror finishing step of the end face does not automatically conclude that polishing marks are left on the end face. Takahashi could have a superior polishing method that does not leave polishing marks on the end face. Therefore, since Takahashi discloses that the end face is mirror finished (col. 15 line 3) just as applicant's molding free face is a mirror finished face (publication paragraph 0044), Takahashi discloses that the end face is a molding free face.

In response to applicant's argument that Donely et al. fail to teach or suggest explicitly or inherently the limitations of depend claim 23, Claim 23 claims wherein the inner surface comprises rounded edge without corners and Takahashi teaches a glass substrate with a disk-like shape wherein the inner surface comprises a round edge without corners since a hole was formed in the center of the substrate (col. 14 lines 63-64) and a hole has no corners and comprises a round edge. Furthermore, applicant states in the specification that fire polishing creates rounded edge without corners (spec. page 4 lines 20-22), therefore, since Donely et al. teaches fire polishing glass, Donely et al. also teaches that the glass can form rounded edges without corners according to applicant's teaching (spec. page 4 lines 20-22).

### ***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not

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mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jane Rhee whose telephone number is 571-272-1499. The examiner can normally be reached on M-F 9-6.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick Ryan can be reached on 571-272-1292. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
Jane Rhee  
9/6/07